

Docket No.: 1254-0261PUS1  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Naoki OKAMOTO et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: October 7, 2004

Art Unit: N/A

For: RADIO COMMUNICATION SYSTEM

Examiner: Not Yet Assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments or to claims attached to the International Preliminary Examination Report (Article 34)) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: October 7, 2004

Respectfully submitted,

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Attachment(s)

## PH-1722PCT (Amendments)

## 5. Content of amendment

(1) The phrase "the selected sub-carriers ... in accordance with the reception conditions of said sub-carriers" in claims 1, 2 and 4 is amended to read "the selected sub-carriers ... in accordance with the reception conditions of said sub-carriers by controlling time-divided time slots of said TDMA on a sub-carrier level".

(2) The phrase "each sub-carrier selected ... using a modulation level or a coding rate in accordance with the reception power" in claim 3 is amended to read "each sub-carrier selected ... using a modulation level or a coding rate in accordance with the reception power by controlling time-divided time slots of said TDMA on a sub-carrier level".

(3) The phrase "a modulation level ... and the position of said terminal station with respect to said base station" in claim 5 is amended to read "a modulation level ... and the position of said terminal station with respect to said base station, by controlling time-divided time slots of said TDMA on a sub-carrier level".

(4) The phrase "the selected sub-carriers ... and the position of said terminal station with respect to said base station" in claim 6 is amended to read "the selected sub-carriers ... and the position of said terminal station with respect to said base station, by controlling time-divided time slots of said TDMA on a sub-carrier level".

(5) The phrase "a modulation level ... the position of said terminal station with respect to said base station" in claim 7 is amended to read "a modulation

level ... the position of said terminal station with respect to said base station, by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(6) The phrase “said base station controls multiple transmission rates” in claim 15 is amended to read “said base station controls, by controlling time-divided time slots of said TDMA on a sub-carrier level, multiple transmission rates”.

(7) The phrase “transmitted from one communication device to another communication device” in claim 16 is amended to read “transmitted from one communication device to another communication device by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(8) The phrase “said second radio station selects” in claim 17 is amended to read “said second radio station, by controlling time-divided time slots of said TDMA on a sub-carrier level, selects”.

(9) The phrase “a modulation level or a coding rate in accordance with the reception conditions of said sub-carriers” in claim 19 is amended to read “a modulation level or a coding rate in accordance with the reception conditions of said sub-carriers by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(10) The phrase “each sub-carrier ... with the reception power of the sub-carrier” in claim 20 is amended to read “each sub-carrier ... with the reception power of the sub-carrier by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(11) The phrase “modulates the selected sub-carriers ... and the position of

said terminal station with respect to said base station” in claim 21 to read “modulates the selected sub-carriers ... and the position of said terminal station with respect to said base station by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(12) The phrase “the position of said terminal station with respect to said base station” in claim 23 is amended to read “the position of said terminal station with respect to said base station by controlling time-divided time slots of said TDMA on a sub-carrier level”.

(13) The phrase “said base station selects only those sub-carriers” in claim 24 is amended to read “said base station selects, by controlling time-divided time slots of said TDMA on a sub-carrier level, only those sub-carriers”.

(14) The phrase “allotment means for allotting a modulation level” in claim 25 is amended to read “allotment means for allotting, by controlling time-divided time slots of said TDMA on a sub-carrier level, a modulation level”.

#### 6. List of attached documents

(1) Amended claims (pages 29-39)